

WHAT IS CLAIMED IS:

1. A plug-in fuse comprising:

an upper cover plate having two ends; each end having a respective retaining seats; the retaining seats having respective chamfered edges;

5 two conductive sheets being formed by conductive material, an outer side of an upper edge of each conductive sheet being formed with a chamfered edge, respectively; each of the conductive sheets having a retaining plate and a first through hole; each of the conductive sheet being connected to a respective conductive wire; an inner upper side of each
10 conductive sheet having an L shape notch; the conductive wires being welded to the L shape notches;

a fuse installed between the two conductive sheets;

a casing; an upper portion of the casing being formed with a receiving chamber; the casing having two retaining grooves at two sides of the
15 receiving chamber for receiving the two conductive sheets by using the retaining plates and the through holes; each of the retaining grooves having a positioning hole; and

a light emitting unit installed between the conductive wires;

wherein when the fuse is normal, most of the current flows through the
20 two conductive wires and the two conductive sheets, but only a smaller amount of current flows through the light emitting unit; thus the light emitting unit will not light up; if the current is overload, the current will flow through the light emitting unit so as to the light emitting unit lights up.

25 2. The plug-in fuse as claimed in 1, wherein the fuse is bent for

increasing a space for receiving the light emitting unit.

3. The plug-in fuse as claimed in 1, wherein an inner upper side of each conductive sheet has an L shape notch; the conductive wires is welded to the L shape notches so as to form welding portions.

5 4. The plug-in fuse as claimed in 1, wherein each of the conductive sheets has a V shape notch at upper side thereof so that when the conductive sheets are assembled to the upper cover plate, tip portions of the conductive sheets formed by the V shape notches will tightly combine with the upper cover plate.

10 5. The plug-in fuse as claimed in 1, wherein the retaining seats having respective chamfered edges; the chamfered edges protect the light emitting unit by smooth contact.